IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Dean A. Schaefer, et al

Serial No.: Not Yet Assigned; a continuation application of co-pending application S.N.

09/897,483, filed July 2, 2001

Filed: Herewith

For: TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES

Group Art Unit: 3739 (Parent Appl)

Examiner: Michael Peffley (Parent Appl)

Appl)

For: TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO/SB/08A (08-00). Copies are not enclosed since each item was submitted or cited in a parent application (Serial No. 09/897,483).

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

Information Disclosure Statement Filing Provision:

within tiled un	hree moder § 1. or (3) be	S is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) on the filing date of the application, which is not a continued prosecution application 53(d) or (2) within three months of entry of the national stage as set forth in 37 CFR § fore the mailing of a first Office action on the merits; or (4) before the mailing of a first fter filing a request for continued examination under § 1.114. Thus, no fee is required.					
		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR §1.17(p) to the deposit account referenced below.					
		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.					
	nerits, t	S is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action out before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR					
		The fee due under 37 CFR § 1.17(p) is submitted herewith.					
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.					
· ·	or a No	OS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR otice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A er 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted					
		STATEMENT UNDER 37 CFR § 1.97(e):					
	Each it	em contained in this IDS was first cited in any communication from a foreign patent office					
in a cou	ınterpai	t foreign application not more than three months prior to the filing of this IDS.					
	No item contained in this IDS was cited in a communication from a foreign patent office in a						
counterpart foreign application, and, to the knowledge of the person signing this statement after making							
reasona	ible inq	uiry, no item of information contained in this IDS was known to any individual designated					
in 37 C	FR § 1.	56(c) more than three months prior to the filing of this IDS.					

	A check in the amount of is enclosed	for the abo	ove fee(s).
	Please charge to Deposit Account No.	50-2518	for the above fee(s).
	The Commissioner is authorized to charge ar	y fees red	quired by the filing of these papers, and to
	credit any overpayment to Bingham McCutcl	nen's Dep	osit Account No. 50-2518.
			Respectfully submitted,
			BINGHAM McCUTCHEN LLP
Dated:	d: 9/15/03	By:	David Bune
		,	David T. Burse
			Reg No 37 104

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

BINGHAM McCUTCHEN LLP Three Embarcadero, Suite 1800 San Francisco, CA 94111-4067 (650) 849-4400

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Substitut	e for form 1449A/PTO			Complete if Known		
				Application Number	Not-Yet-Assigned	
INFO	PRMATION I	DIS	CLOSURE	Filing Date	Herewith	
STA	TEMENT BY	'Al	PPLICANT	First Named Inventor	Dean A. Schaefer, et al	
				Group Art Unit	3739 (Parent Appl)	
	(use as many shee	ts as	necessary)	Examiner Name	Michael Peffley (Parent Appl)	
Sheet	1	of	3	Attorney Docket Number	2024728-7031453001 (00-011US2)	

			U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
	1.	5,672,173	Gough et al.	09-30-1997	
	2.	5,672,174	Gough et al.	09-30-1997	
	3.	5,728,143	Gough et al.	03-17-1998	
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	8.	5,827,276	LeVeen et al.	10-27-1998	
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-	27.	6,090,105	Zepeda et al.	07-18-2000	
	28.	6,235,023	Lee et al.	05-22-2001	

Examiner Signature	Date Considered	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

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Sheet	2	of	3	Attorney Docket Number	2024728-7031453001 (00-011US2)	

FOREIGN PATENT DOCUMENTS								
Examiner	Cite No. ¹	For	reign Patent D	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*		Office ³	Number⁴	Kind Code ⁵ (<i>if known</i>)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆

	OTHER DOCUMENTS NON PATENT LITERATURE						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T 2				
***************************************	ВВ	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF 2000™ Generator and the LeVeen™ Needle Electrode" 1. Abstract: Soulen, et al., "Oral Presentation at the SCVIR," March 20-15, 1999, in Radiofrequency Energy: Clinical Applications, Radio Therapeutics Corporation					
	ВС	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF 2000™ Generator and the LeVeen™ Needle Electrode" 2. Abstract: Bauer, et al., "Radiofrequency Ablation Therapy for Large, Complex Hepatic Metastases," 52 nd Annual Mtg. Of Society of Surgical Oncologists, March 4-7, 1999, in Radiofrequency Energy: Clinical Applications, Radio Therapeutics Corporation					
	BD	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF 2000™ Generator and the LeVeen™ Needle Electrode" 3. Abstract: Birdwell, et al., "Preliminary Experience with Intraoperative Radiofrequency Breast Tumor Ablation," 84 th Annual Mtg. Of the Radiology Society of North America, November 29-December 4, 1998 in Radiofrequency Energy: Clinical Applications, Radio Therapeutics Corporation					
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	BF	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 5. Abstract: Gantert et al., "Radiofrequency Ablation of Malignant Liver Tumors: Development of a New Multi-Array Electrode and Results of the First Human Treat-and-Resect Trials," 51 st Annual Mtg. Of the Society of Surgical Oncologists, 3-26-3-29, 1998 in Radiofrequency Energy: Clinical Applications, Radio Therapeutics Corporation					
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Attorney Docket Number

вн	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 7. Abstract: LeVeen et al., "Large RF Ablation Lesion Produced with a Radially Expanding Monopolar Array Electrode: Long-term Porcine Experiments," 22 nd Annual Mtg. Of Society of Cardiovascular & Interventional Radiology, 03-8-13, 1997
Bí	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications – Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 8. Abstract: LeVeen et al., "Large Volume Porcine Liver Ablation with Use of a Percutaneous Expandable Electrosurgical Probe," 21 st Annual Mtg. Of Society of Cardiovascular & Interventional Radiology, 03-27-3-7, 1996
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вк	Curley, "Radiofrequency Ablation of Unresectable Primary and Metastatic Hepatic Malignancies", Anals of Surgery, pp 1-8: 130(1), 1999
BL	Lawson, "Radiofrequency-induced Necrosis in Soft Tissues, A review of Deployments in Animals and Humans,"
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